LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG051520\
Data File : BG045410.D
Acq On : 15 May 2020 23:58
Operator : CG/JU
Sample : L2663-07
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 1369

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG051520.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.123	3	6	13	rVB	423505	628293	2.66%	0.461%
2	5.543	412	418	431	rVB	519307	915586	3.88%	0.672%
3	7.147	684	691	702	rVB	490848	910797	3.86%	0.668%
4	7.887	812	817	824	rVB	218387	394192	1.67%	0.289%
5	7.964	824	830	837	rBV	234398	422727	1.79%	0.310%
6	8.175	860	866	869	rBV	137244	262823	1.11%	0.193%
7	8.216	869	873	878	rVV2	178496	415435	1.76%	0.305%
8	8.293	878	886	894	rVB	812589	1585600	6.72%	1.163%
9	9.127	1018	1028	1037	rBV	558244	1059815	4.49%	0.778%
10	9.614	1100	1111	1118	rBV3	206518	377832	1.60%	0.277%
11	9.691	1118	1124	1133	rVB	408059	667938	2.83%	0.490%
12	10.184	1203	1208	1215	rVB	220104	383463	1.62%	0.281%
13	10.302	1221	1228	1236	rBV	1044600	1736881	7.36%	1.274%
14	10.777	1298	1309	1315	rBV	341129	726059	3.08%	0.533%
15	11.676	1444	1462	1472	rBV2	428616	1630115	6.91%	1.196%
16	12.410	1583	1587	1601	rVB10	217302	513915	2.18%	0.377%
17	12.640	1622	1626	1630	rBV2	182911	263313	1.12%	0.193%
18	12.687	1630	1634	1639	rBV2	163011	275001	1.17%	0.202%
19	12.845	1656	1661	1666	rVB	475225	714710	3.03%	0.524%
20	13.233	1720	1727	1737	rBV	1632528	2812548	11.92%	2.064%
21	13.409	1753	1757	1761	rBV3	259897	404715	1.71%	0.297%
22	13.597	1782	1789	1800	rVB	3952956	6348691	26.90%	4.659%
23	13.891	1835	1839	1845	rBV5	385774	695631	2.95%	0.510%
24	14.049	1862	1866	1873	rBV3	445568	1144932	4.85%	0.840%
25	14.114	1874	1877	1880	rBV3	217725	314640	1.33%	0.231%
26	14.273	1901	1904	1909	rVB3	589771	817402	3.46%	0.600%
27	14.367	1916	1920	1927	rBV8	412339	1111254	4.71%	0.815%
28	14.461	1932	1936	1942	rVB4	919572	1645066	6.97%	1.207%
29	14.525	1943	1947	1953	rBV3	580210	1041681	4.41%	0.764%
30	14.590	1953	1958	1961	rBV4	1013475	1977898	8.38%	1.451%
31	15.418	2096	2099	2104	rVB2	1133547	1564455	6.63%	1.148%
32	16.117	2214	2218	2222	rBV2	1222254	2195386	9.30%	1.611%
33	16.282	2240	2246	2250	rBV	8136799	12580114	53.30%	9.231%
34	18.385	2598	2604	2610	rVB	12459615	20608950	87.31%	15.123%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG051520\
Data File : BG045410.D
Acq On : 15 May 2020 23:58
Operator : CG/JU
Sample : L2663-07
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 1369

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG051520.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	20.030	2877	2884	2888	rVB2	14498498	23604386	100.00%	17.321%
36	21.016	3049	3052	3059	rVB	1227163	1737424	7.36%	1.275%
37	21.410	3112	3119	3135	rVB	9083144	15041218	63.72%	11.037%
38	21.528	3135	3139	3152	rVV	1067301	1709657	7.24%	1.255%
39	21.639	3154	3158	3167	rVB	668528	1148728	4.87%	0.843%
40	22.420	3287	3291	3298	rVB6	203693	398094	1.69%	0.292%
41	22.497	3299	3304	3308	rVB	439348	699196	2.96%	0.513%
42	22.550	3309	3313	3321	rVB	488860	804186	3.41%	0.590%
43	23.078	3393	3403	3417	rBV	4331523	9560013	40.50%	7.015%
44	24.729	3678	3684	3688	rBV4	184277	457449	1.94%	0.336%
45	24.788	3689	3694	3710	rVB2	362249	1106498	4.69%	0.812%
46	25.540	3809	3822	3835	rBV	1946093	6350005	26.90%	4.660%
47	27.161	4089	4098	4113	rVB3	346136	1447800	6.13%	1.062%
48	29.464	4476	4490	4511	rVB2	604210	3067111	12.99%	2.251%

Sum of corrected areas: 136279623

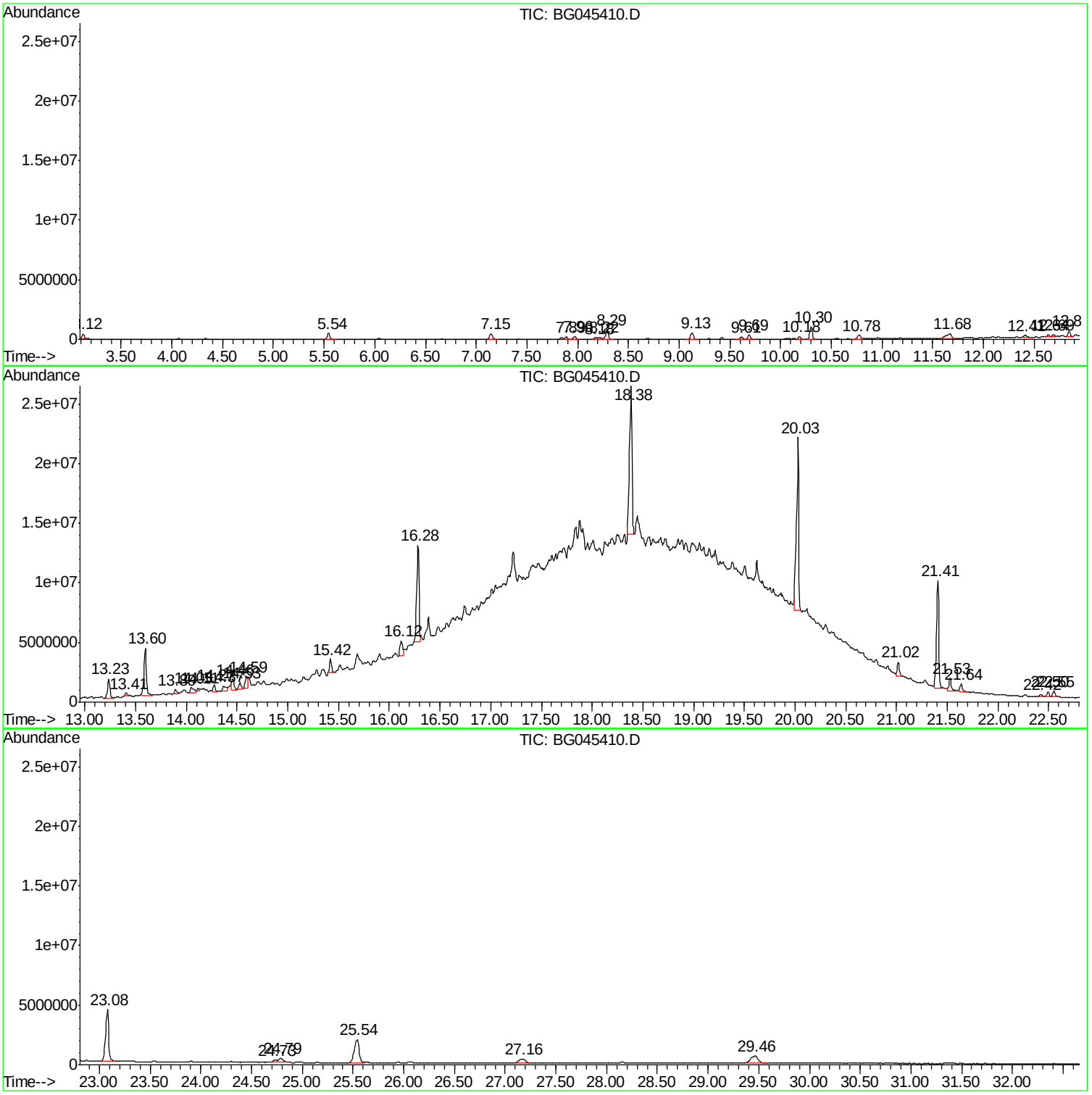
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG051520\
Data File : BG045410.D
Acq On : 15 May 2020 23:58
Operator : CG/JU
Sample : L2663-07
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 1369

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG051520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG051520\
Data File : BG045410.D
Acq On : 15 May 2020 23:58
Operator : CG/JU
Sample : L2663-07
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 1369

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG051520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

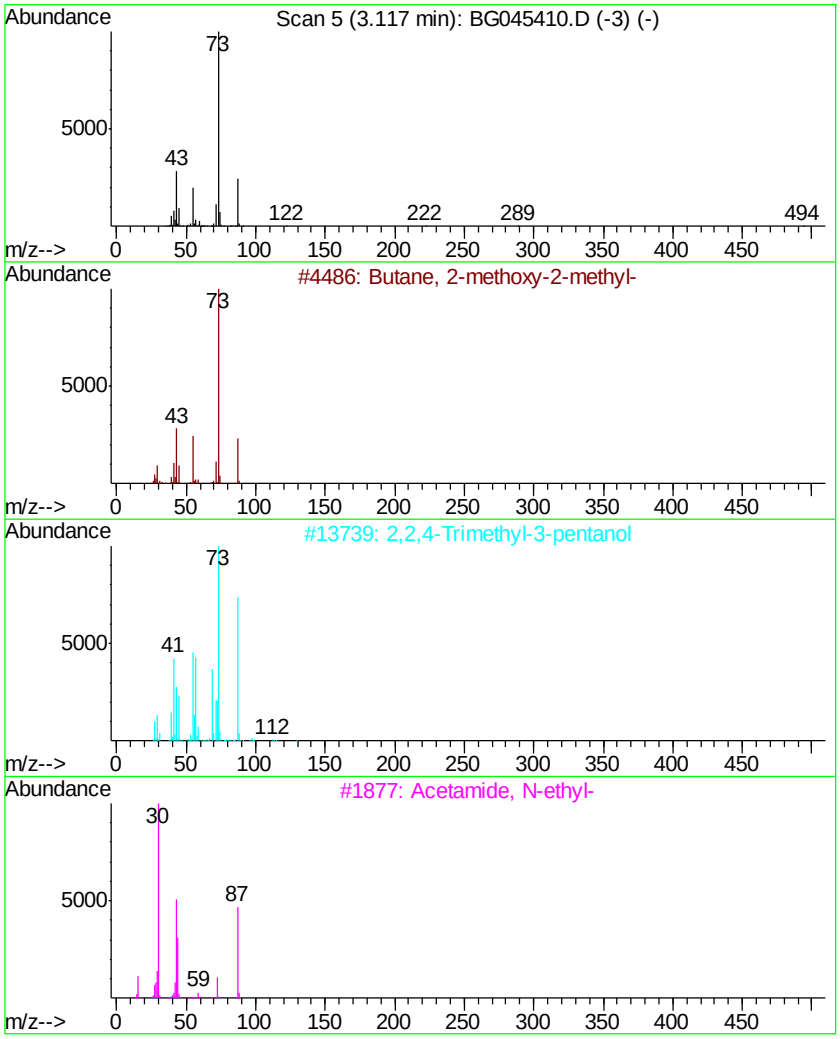
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

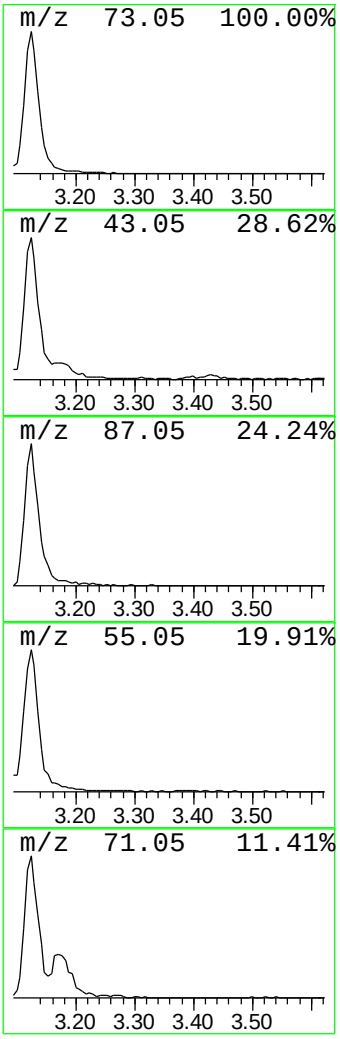
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.12	29.73 ng	628293	1,4-Dichlorobenzene-d4	7.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	64
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	43
3	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9
4	1-Propene-1-thiol	74	C3H6S	000925-89-3	9
5	Silane, tetramethyl-	88	C4H12Si	000075-76-3	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG051520\
Data File : BG045410.D
Acq On : 15 May 2020 23:58
Operator : CG/JU
Sample : L2663-07
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 1369

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG051520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

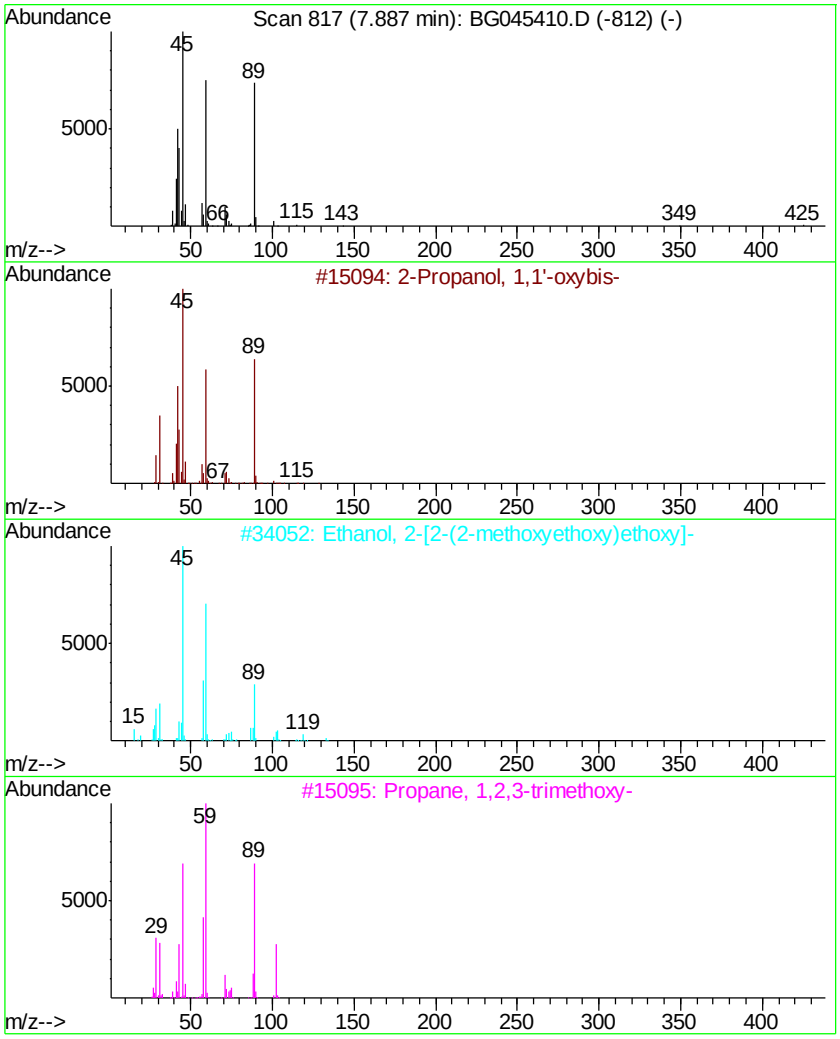
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

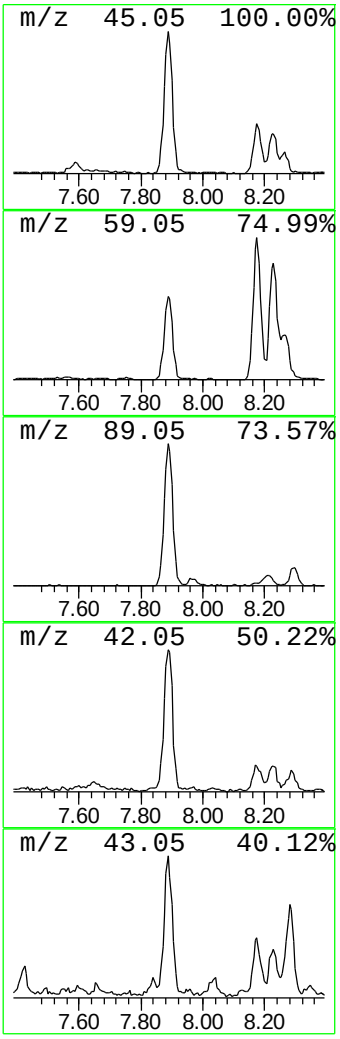
****

Peak Number 2 2-Propanol, 1,1'-oxybis- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.89	18.65 ng	394192	1,4-Dichlorobenzene-d4	7.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propanol, 1,1'-oxybis-	134	C6H14O3	000110-98-5	91
2	Ethanol, 2-[2-(2-methoxyethoxy)e...	164	C7H16O4	000112-35-6	72
3	Propane, 1,2,3-trimethoxy-	134	C6H14O3	020637-49-4	72
4	3-(1,3-Dihydroxyisopropyl)-1,5,8...	264	C12H24O6	109773-63-9	64
5	2-Cyclopentene, 1,4-bis(methoxye...	276	C13H24O6	1000156-00-3	59





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG051520\
Data File : BG045410.D
Acq On : 15 May 2020 23:58
Operator : CG/JU
Sample : L2663-07
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 1369

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG051520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

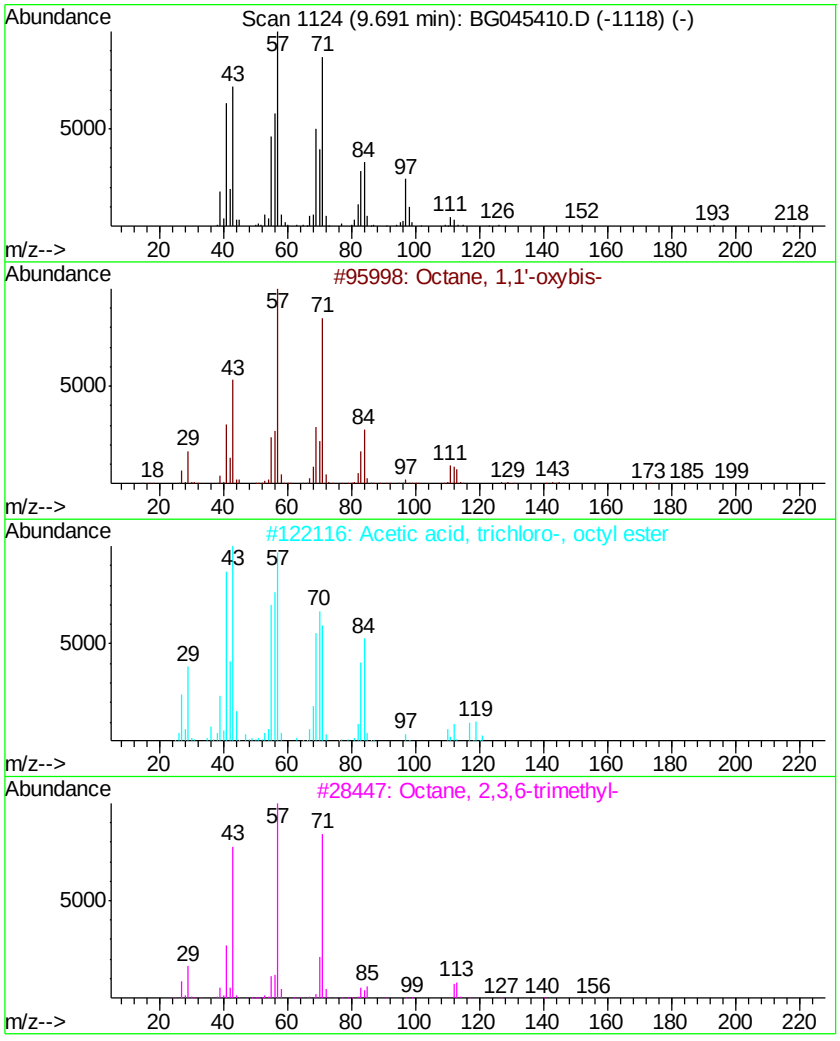
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

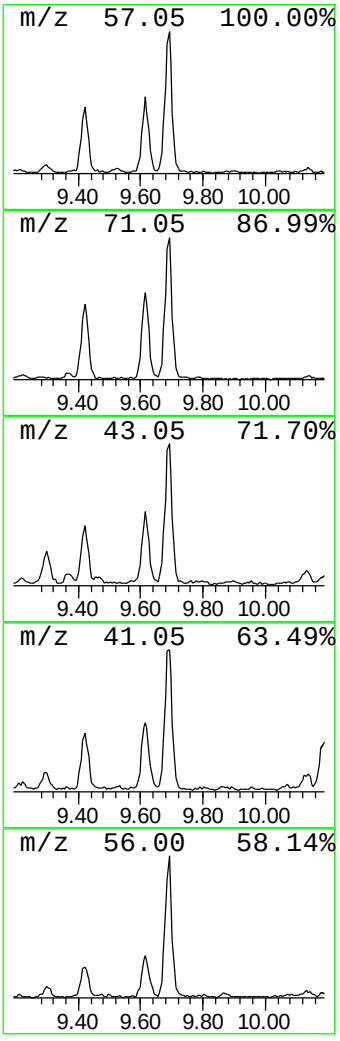
****

Peak Number 4 Octane, 1,1'-oxybis- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.69	18.40 ng	667938	Naphthalene-d8	10.78

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 1,1'-oxybis-	242	C16H34O	000629-82-3	53
2	Acetic acid, trichloro-, octyl e...	274	C10H17Cl3O2	016958-78-4	47
3	Octane, 2,3,6-trimethyl-	156	C11H24	062016-33-5	43
4	Cyclobutane, 1,2-diethyl-, cis-	112	C8H16	061141-50-2	43
5	2,4,4-Trimethyl-1-hexene	126	C9H18	051174-12-0	38





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG051520\
Data File : BG045410.D
Acq On : 15 May 2020 23:58
Operator : CG/JU
Sample : L2663-07
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 1369

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG051520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

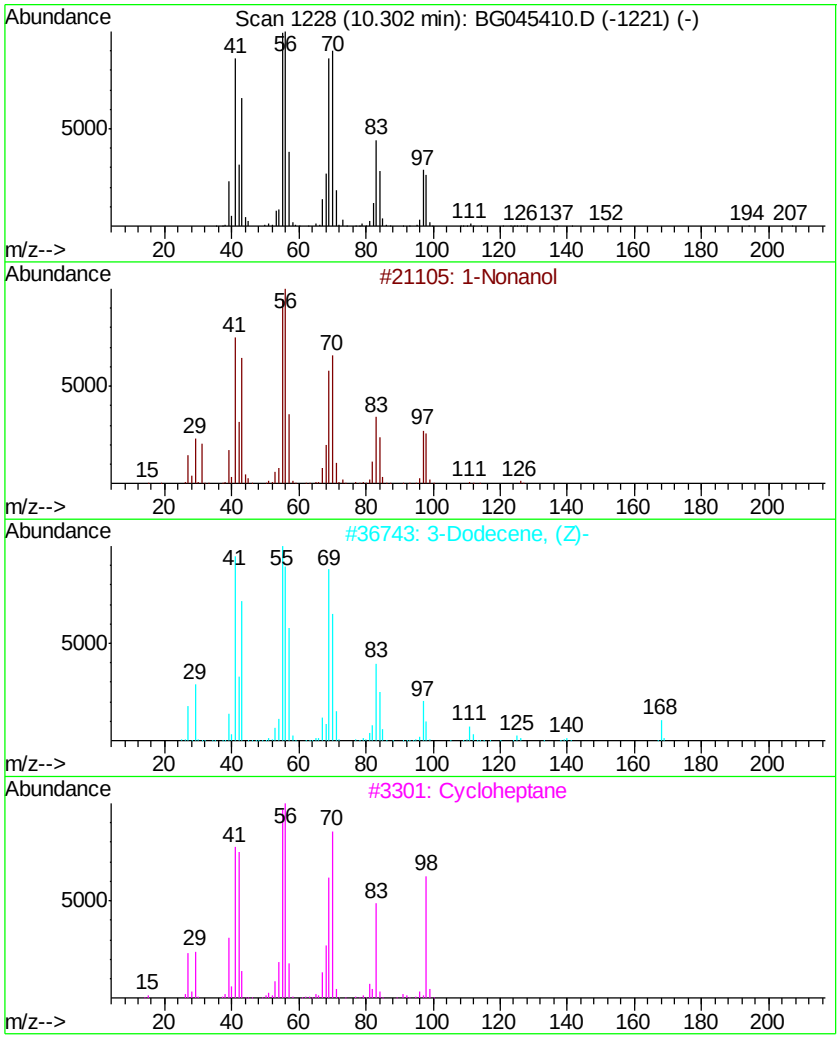
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

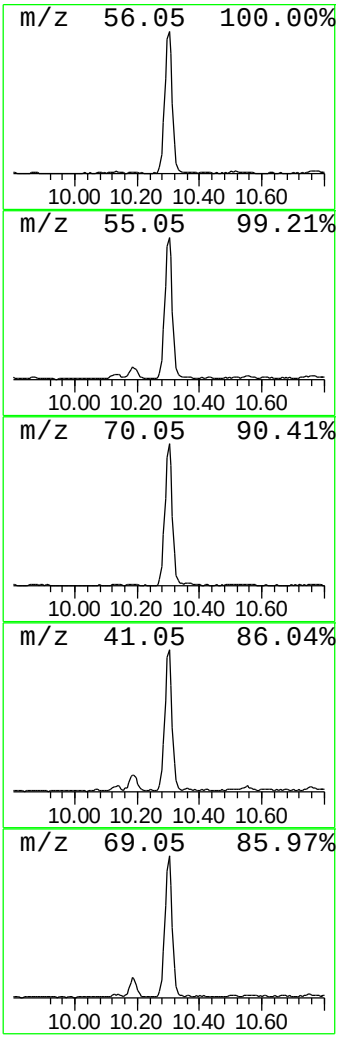
****

Peak Number 5 1-Nonanol Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.30	47.84 ng	1736880	Naphthalene-d8	10.78

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Nonanol	144	C9H20O	000143-08-8	91
2	3-Dodecene, (Z)-	168	C12H24	007239-23-8	86
3	Cycloheptane	98	C7H14	000291-64-5	83
4	Cyclopentane, 1,2-dimethyl-, cis-	98	C7H14	001192-18-3	55
5	Isopropylcyclobutane	98	C7H14	000872-56-0	53





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG051520\
Data File : BG045410.D
Acq On : 15 May 2020 23:58
Operator : CG/JU
Sample : L2663-07
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 1369

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG051520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
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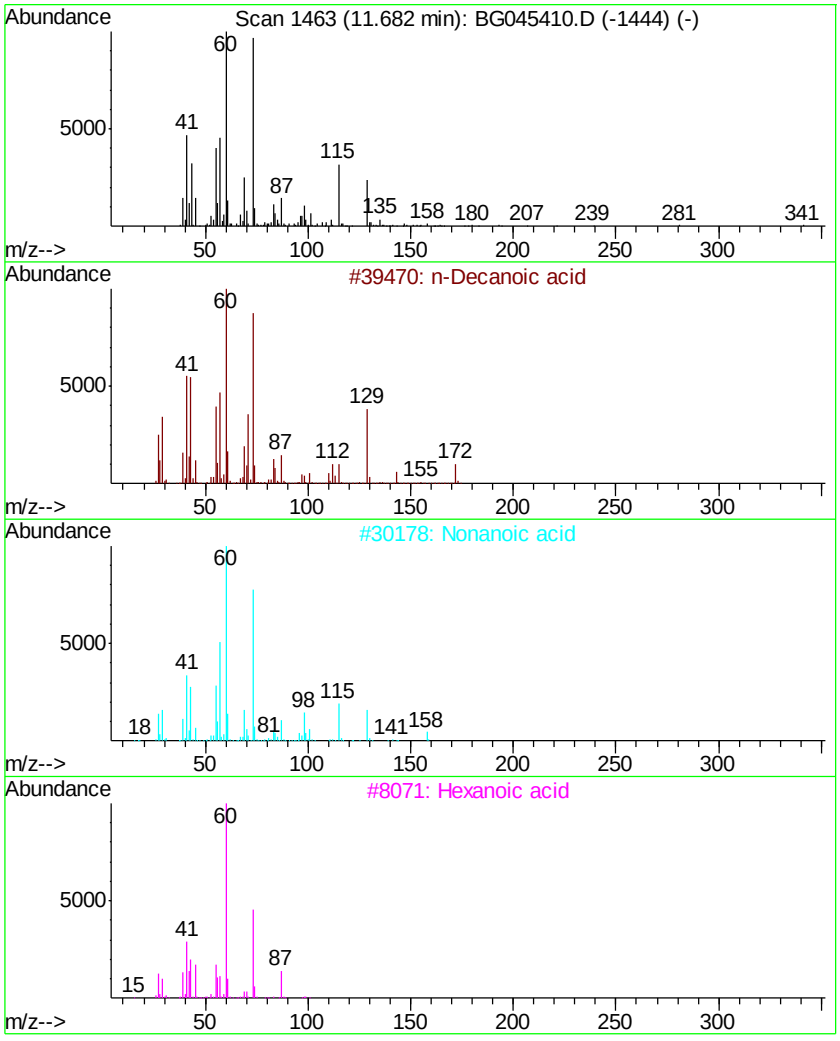
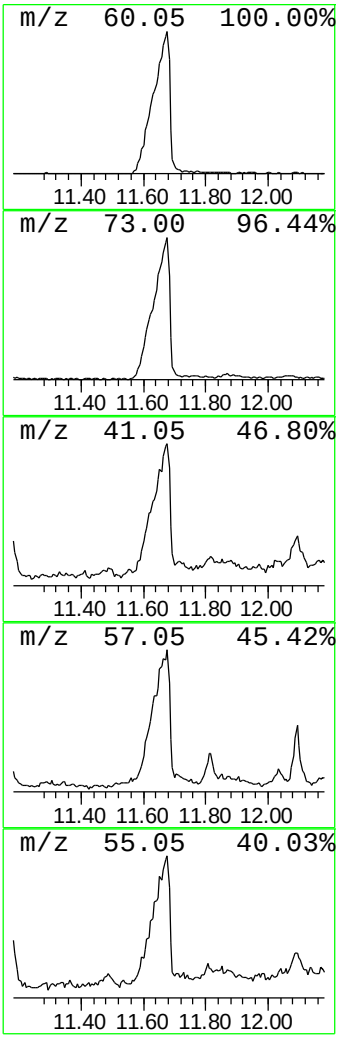
****

Peak Number 6 n-Decanoic acid Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.68	44.90 ng	1630120	Naphthalene-d8	10.78

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Decanoic acid	172	C10H20O2	000334-48-5	72
2	Nonanoic acid	158	C9H18O2	000112-05-0	64
3	Hexanoic acid	116	C6H12O2	000142-62-1	50
4	Butanoic acid	88	C4H8O2	000107-92-6	43
5	Pentanoic acid, 3-methyl-	116	C6H12O2	000105-43-1	43





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG051520\
Data File : BG045410.D
Acq On : 15 May 2020 23:58
Operator : CG/JU
Sample : L2663-07
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 1369

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG051520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

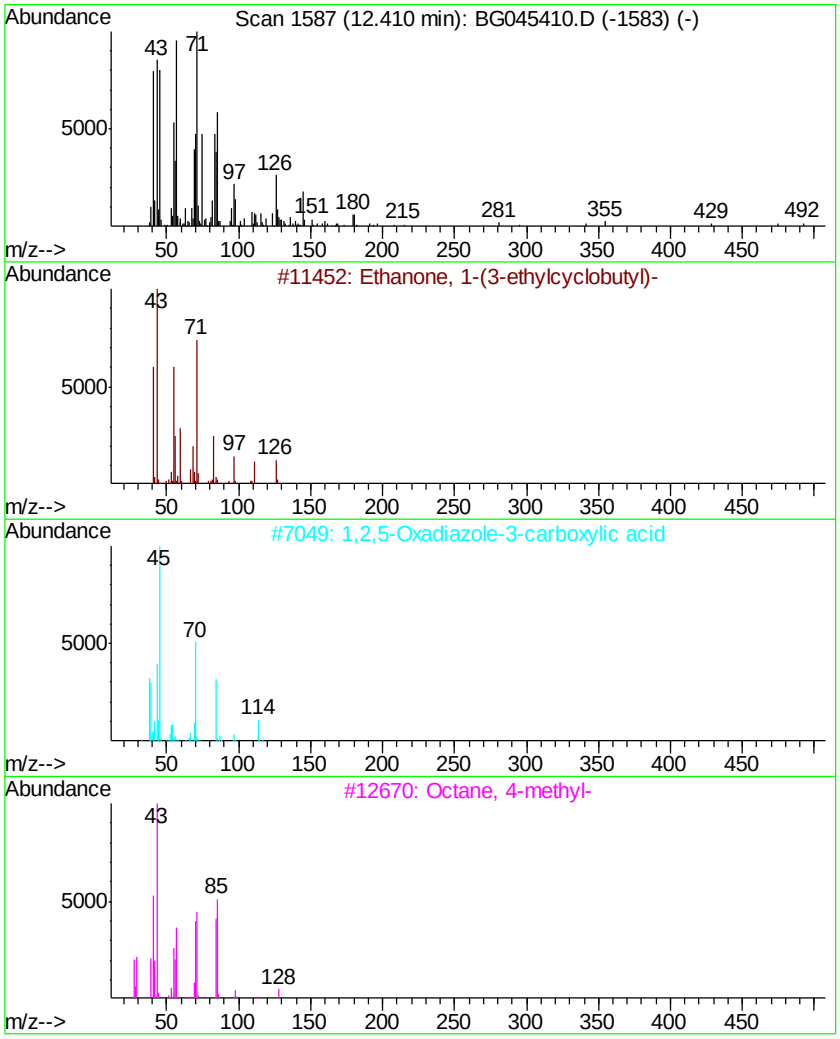
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

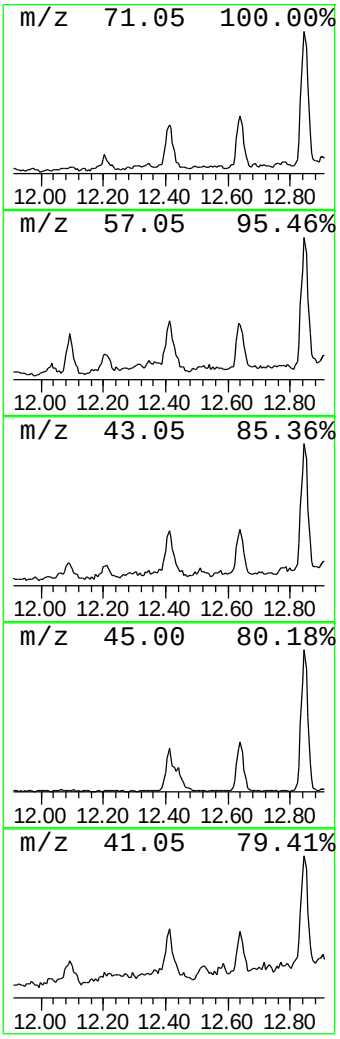
****

Peak Number 7 unknown12.41 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.41	14.16 ng	513915	Naphthalene-d8	10.78

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanone, 1-(3-ethylcyclobutyl)-	126	C8H14O	056335-71-8	30
2	1,2,5-Oxadiazole-3-carboxylic acid	114	C3H2N2O3	1000318-89-9	27
3	Octane, 4-methyl-	128	C9H20	002216-34-4	25
4	Cyclobutanecarboxylic acid, 2-te...	184	C10H16O3	1000282-21-9	22
5	4-Methyl-3-heptanol, heptafluoro...	326	C12H17F7O2	1000365-51-5	22





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Operator : CG/JU
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Instrument : BNA_G
ClientSampleId : 1369

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG051520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

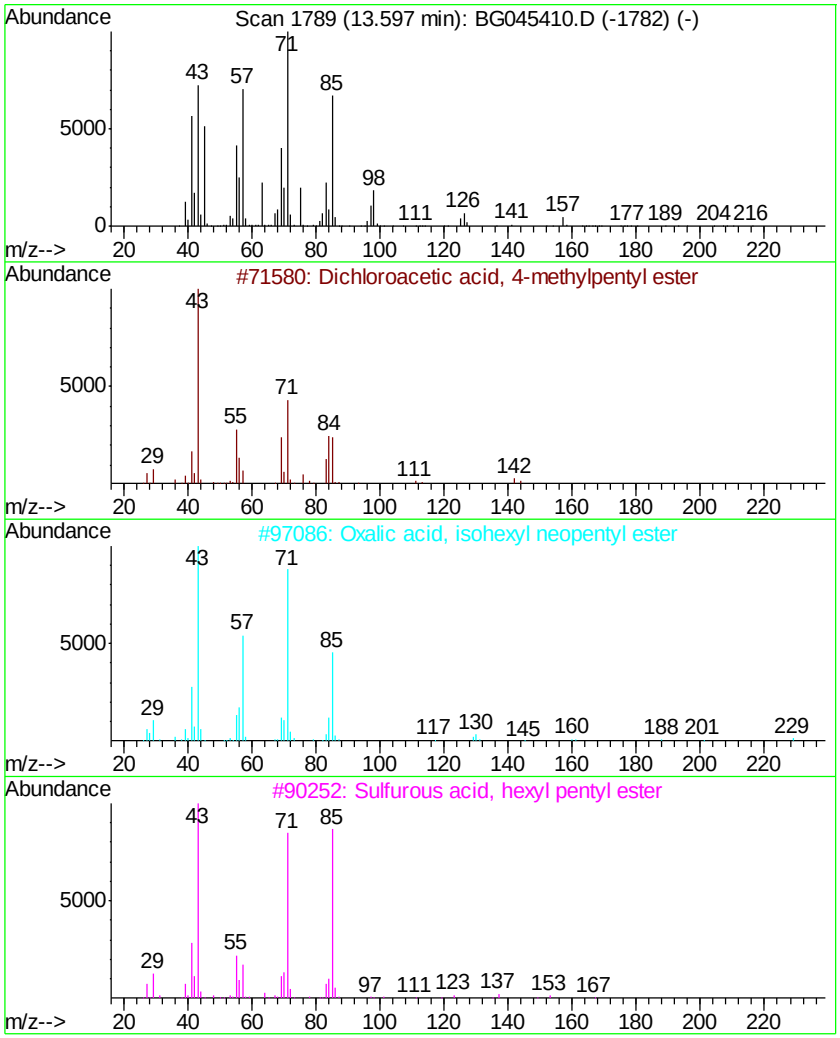
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

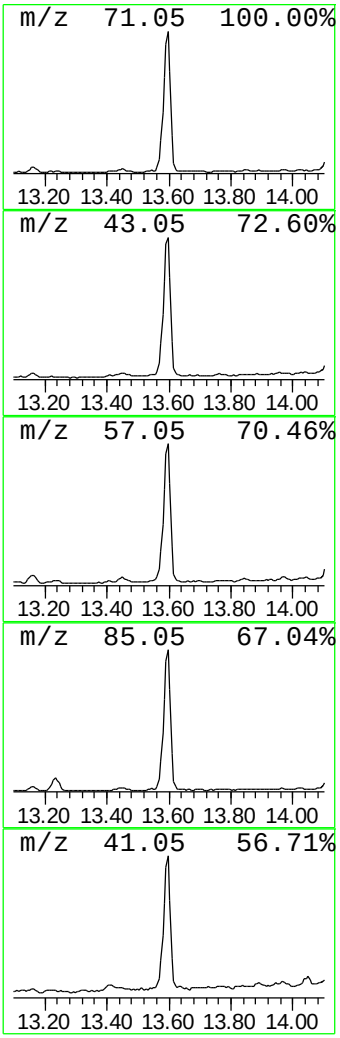
****

Peak Number 8 unknown13.60 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.60	64.20 ng	6348690	Acenaphthene-d10	14.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dichloroacetic acid, 4-methylpen...	212	C8H14Cl2O2	1000282-43-7	47
2	Oxalic acid, isohexyl neopentyl ...	244	C13H24O4	1000309-73-0	43
3	Sulfurous acid, hexyl pentyl ester	236	C11H24O3S	1000309-14-1	43
4	2-Bromononane	206	C9H19Br	002216-35-5	38
5	Hexadecane, 2,6,11,15-tetramethyl-	282	C20H42	000504-44-9	35





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG051520\
Data File : BG045410.D
Acq On : 15 May 2020 23:58
Operator : CG/JU
Sample : L2663-07
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 1369

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG051520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

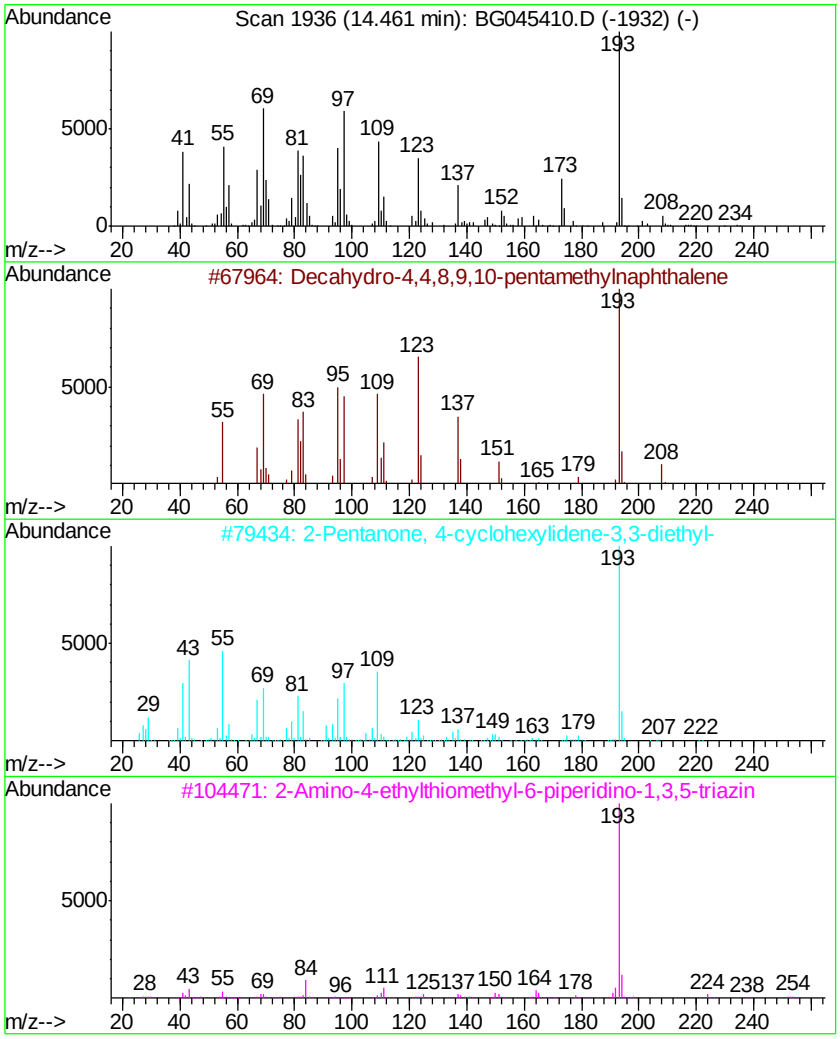
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

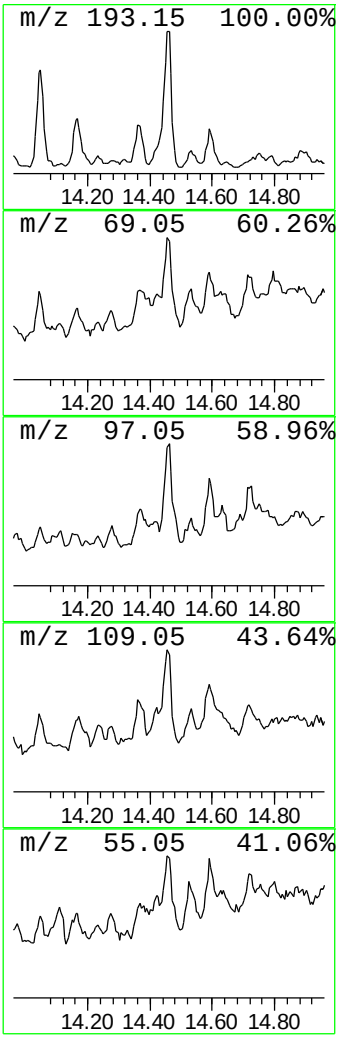
****

Peak Number 9 unknown14.46 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.46	16.63 ng	1645070	Acenaphthene-d10	14.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decahydro-4,4,8,9,10-pentamethyl...	208	C15H28	080655-44-3	46
2	2-Pentanone, 4-cyclohexylidene-3...	222	C15H26O	313253-65-5	40
3	2-Amino-4-ethylthiomethyl-6-pipe...	253	C11H19N5S	022362-22-7	22
4	3-Phenylindole	193	C14H11N	001504-16-1	22
5	2-Phenylindolizine	193	C14H11N	025379-20-8	22





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Data File : BG045410.D
Acq On : 15 May 2020 23:58
Operator : CG/JU
Sample : L2663-07
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 1369

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG051520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

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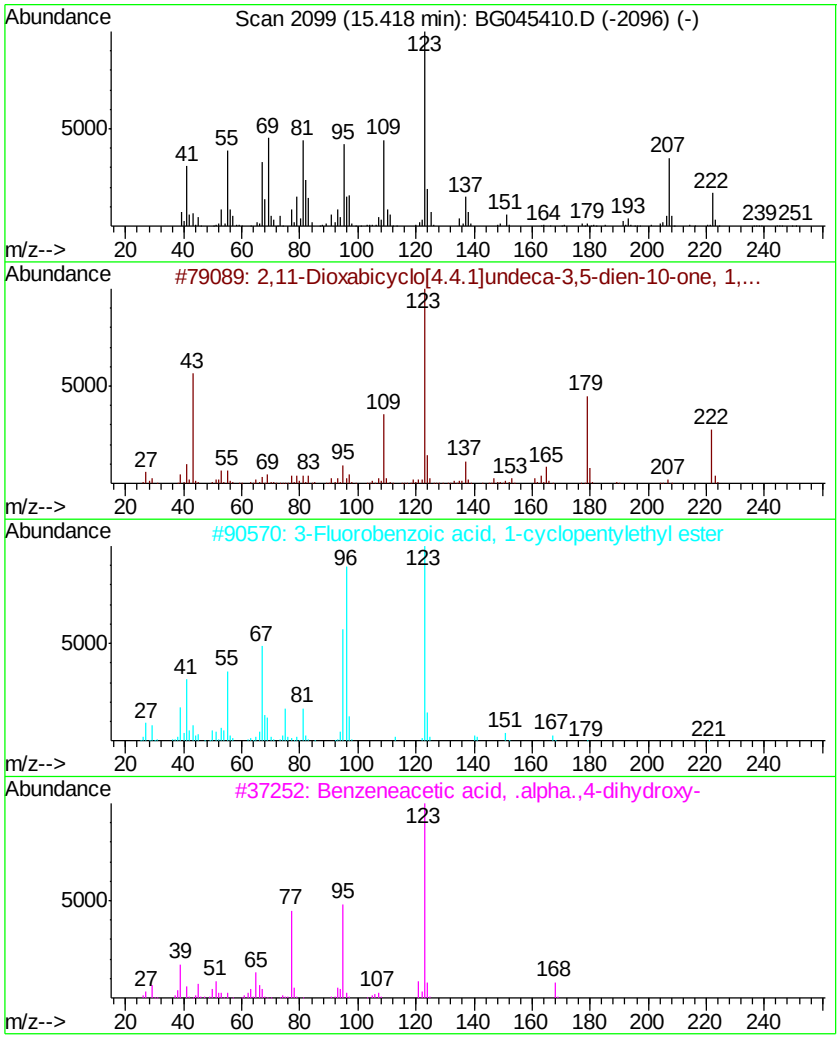
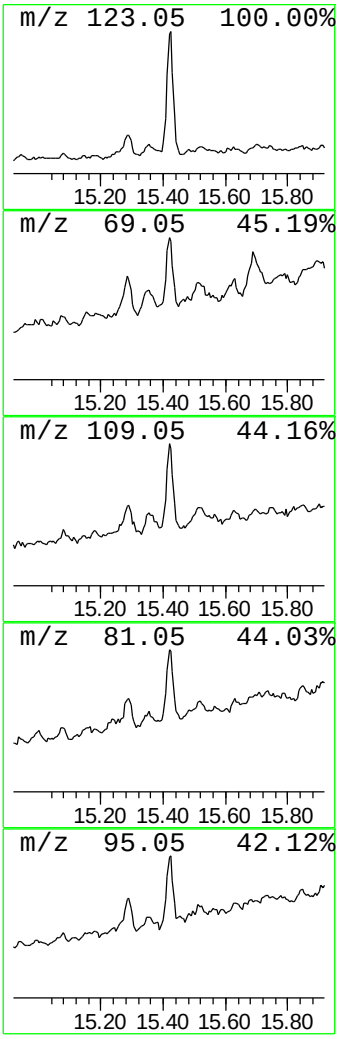
Peak Number 10 2,11-Dioxabicyclo[4.4.1]und... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.42	15.82 ng	1564460	Acenaphthene-d10	14.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,11-Dioxabicyclo[4.4.1]undeca-3...	222	C13H18O3	070412-52-1	53
2	3-Fluorobenzoic acid, 1-cyclopen...	236	C14H17FO2	1000279-04-7	43
3	Benzeneacetic acid, .alpha.,4-di...	168	C8H8O4	001198-84-1	43
4	Pyridine-3-carboxylic acid, 1-[(...	290	C15H18N2O4	1000310-27-9	43
5	Imidazolidin-2-one, 1-(2-fluorob...	208	C10H9FN2O2	1000310-62-2	43





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG051520\
Data File : BG045410.D
Acq On : 15 May 2020 23:58
Operator : CG/JU
Sample : L2663-07
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 1369

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG051520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

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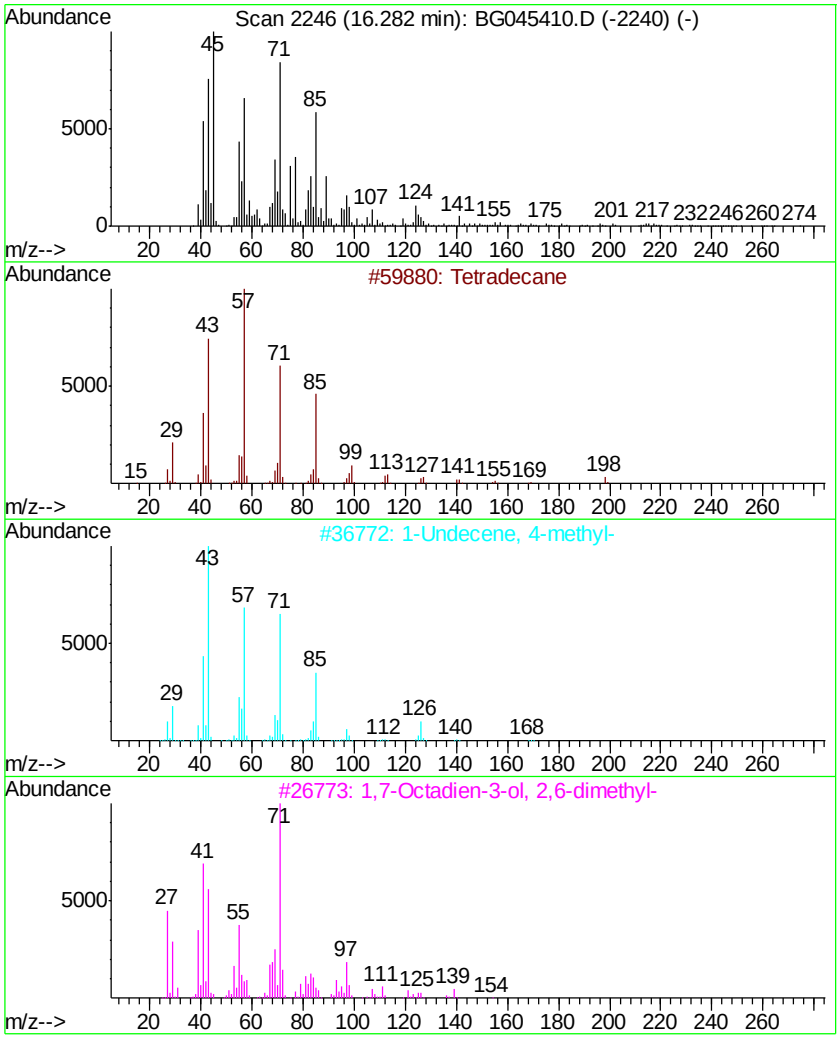
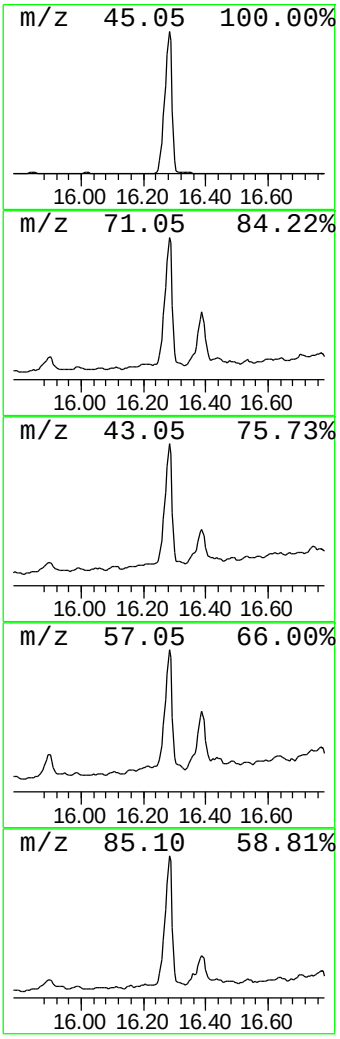
Peak Number 11 unknown16.28 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.28	12.21 ng	12580100	Phenanthrene-d10	17.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	38
2	1-Undecene, 4-methyl-	168	C12H24	074630-39-0	38
3	1,7-Octadien-3-ol, 2,6-dimethyl-	154	C10H18O	022460-59-9	38
4	Oxalic acid, allyl nonyl ester	256	C14H24O4	1000309-23-7	38
5	Sulfurous acid, hexyl pentyl ester	236	C11H24O3S	1000309-14-1	35





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Sample : L2663-07
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ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 1369

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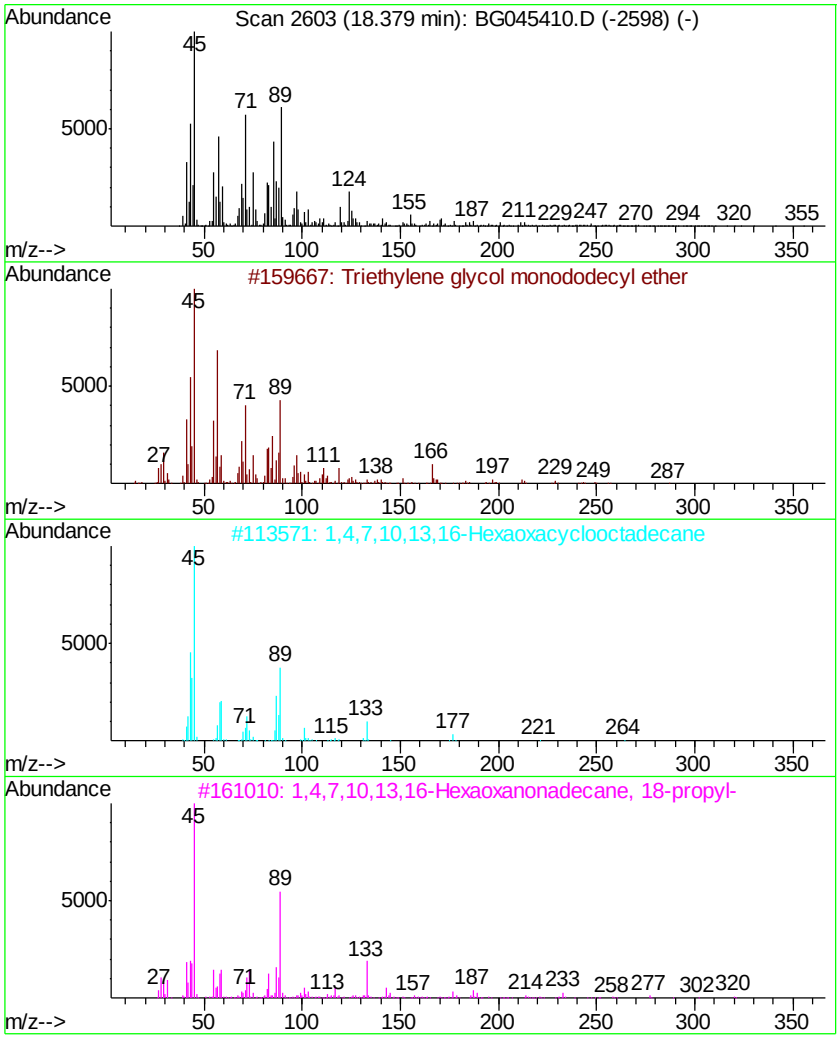
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

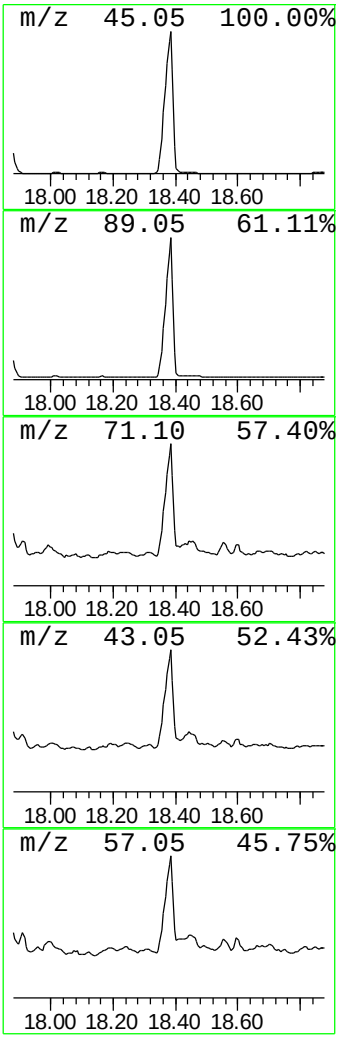
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 Triethylene glycol monodode... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.38	20.00 ng	20609000	Phenanthrene-d10	17.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Triethylene glycol monododecyl e...	318	C18H38O4	003055-94-5	72
2	1,4,7,10,13,16-Hexaoxacyclooctad...	264	C12H24O6	017455-13-9	50
3	1,4,7,10,13,16-Hexaoxanonadecane...	320	C16H32O6	1000163-65-3	49
4	15-Crown-5	220	C10H20O5	033100-27-5	49
5	Pentaethylene glycol	238	C10H22O6	004792-15-8	47





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Operator : CG/JU
Sample : L2663-07
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 1369

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG051520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

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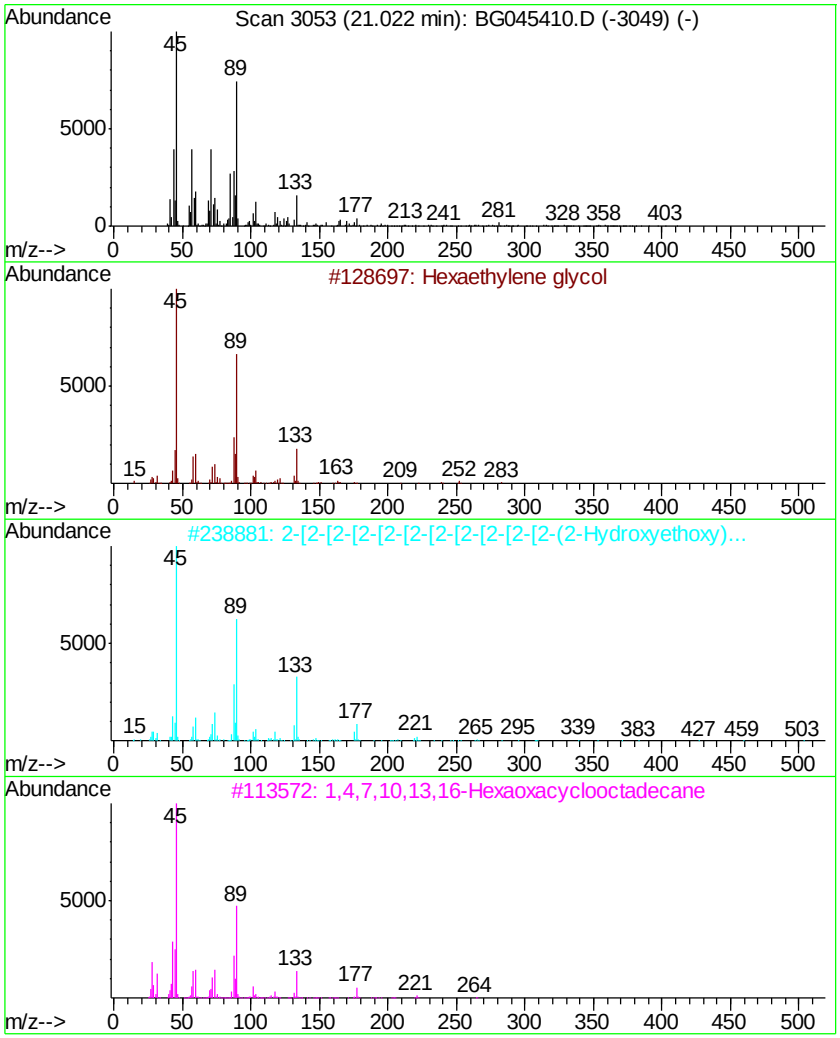
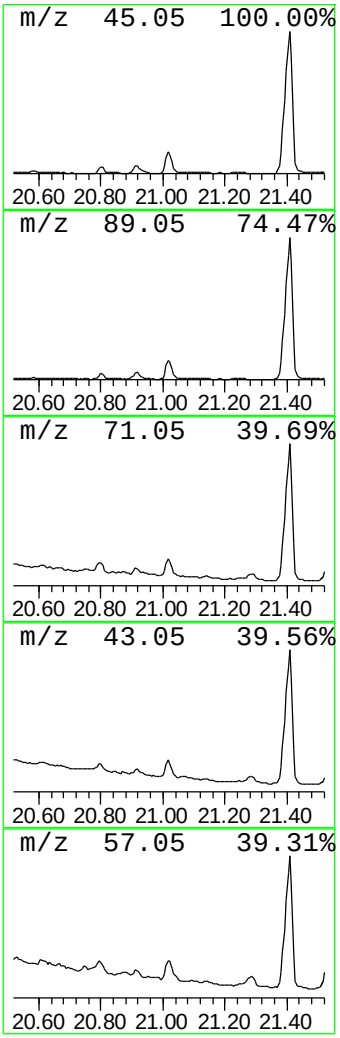
Peak Number 13 Hexaethylene glycol Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.02	30.25 ng	1737420	Chrysene-d12	21.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexaethylene glycol	282	C12H26O7	002615-15-8	76
2	2-[2-[2-[2-[2-[2-[2-[2-[2-[2-...	546	C24H50O13	1000352-12-7	58
3	1,4,7,10,13,16-Hexaoxacyclooctad...	264	C12H24O6	017455-13-9	58
4	2-[2-[2-[2-[2-[2-[2-(2-Hydrox...	414	C18H38O10	1000352-12-5	58
5	2-[2-[2-[2-[2-[2-(2-Hydroxyet...	370	C16H34O9	005117-19-1	58





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Data File : BG045410.D
Acq On : 15 May 2020 23:58
Operator : CG/JU
Sample : L2663-07
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 1369

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG051520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

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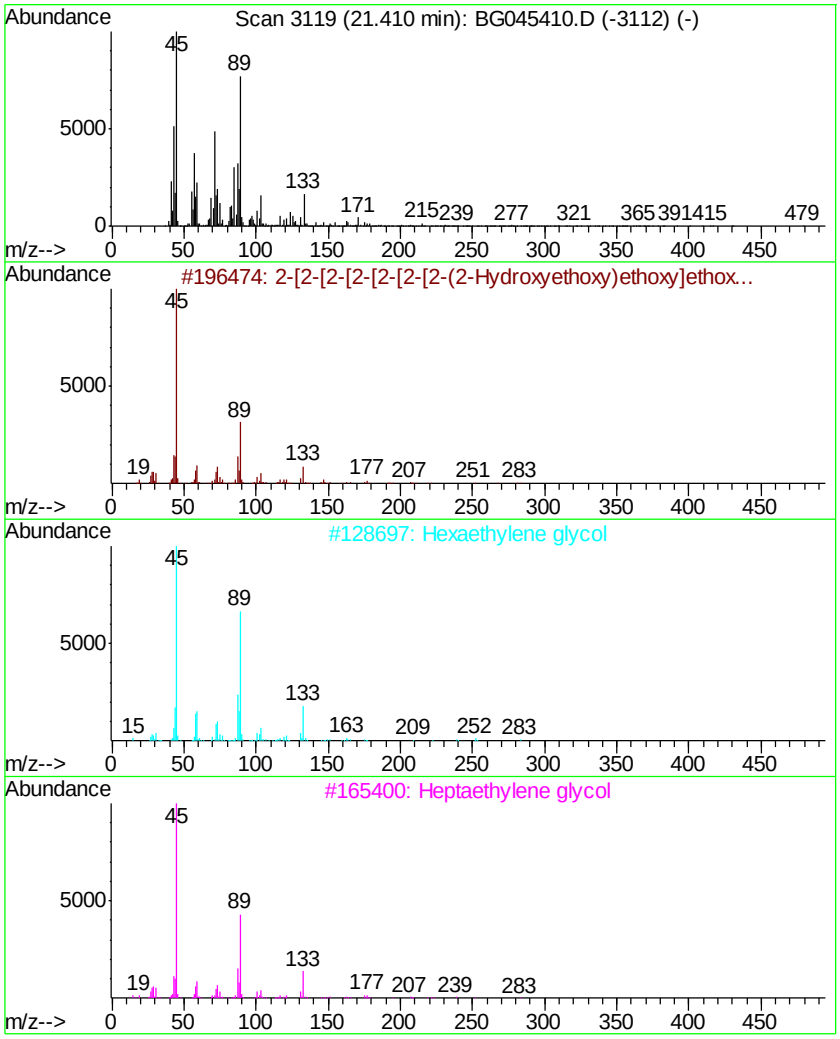
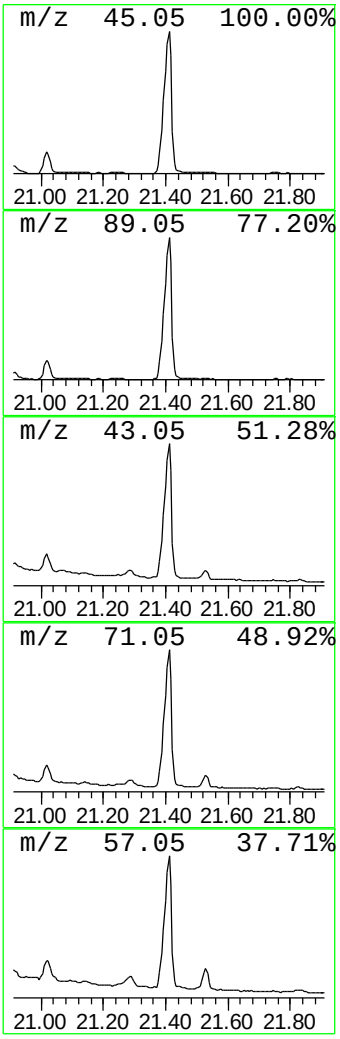
Peak Number 14 2-[2-[2-[2-[2-[2-[2-(2-Hydr... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.41	261.88 ng	15041200	Chrysene-d12	21.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-[2-[2-[2-[2-[2-[2-(2-Hydroxyet...	370	C16H34O9	005117-19-1	86
2	Hexaethylene glycol	282	C12H26O7	002615-15-8	83
3	Heptaethylene glycol	326	C14H30O8	005617-32-3	80
4	2-[2-[2-[2-[2-[2-[2-[2-[2-[2-(2-...	502	C22H46O12	1000352-13-2	72
5	3,6,9,12-Tetraoxahexadecan-1-ol	250	C12H26O5	001559-34-8	72





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Operator : CG/JU
Sample : L2663-07
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 1369

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG051520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

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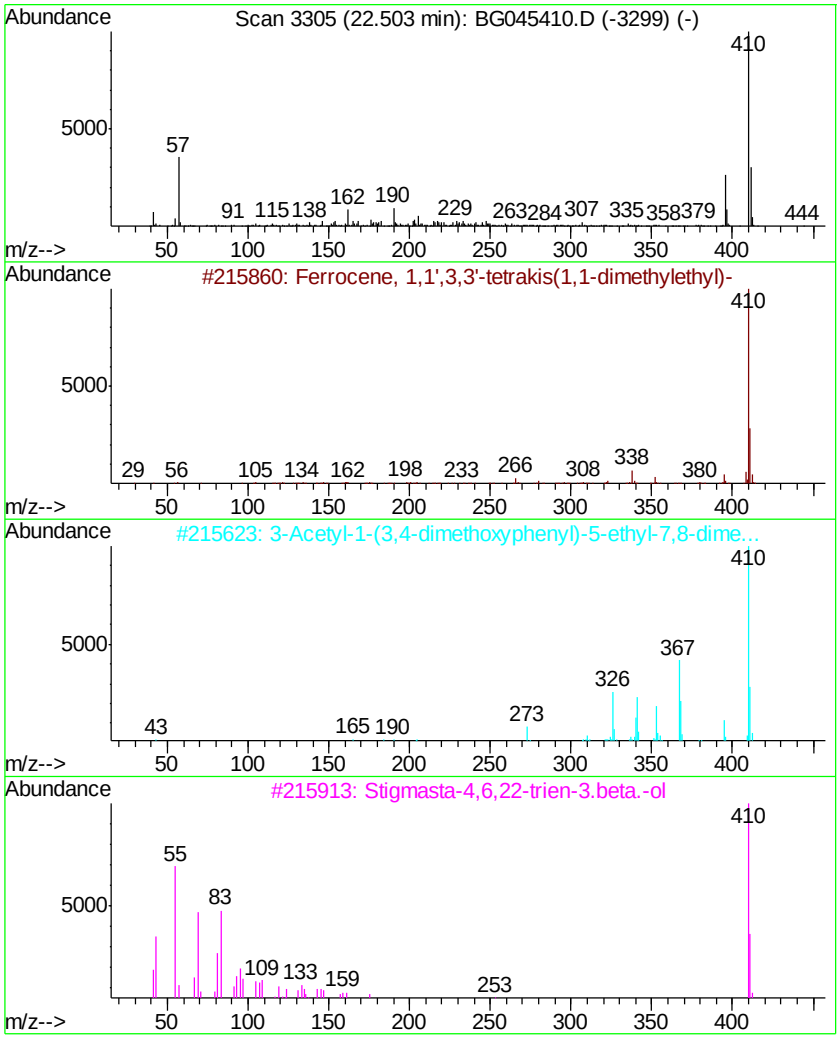
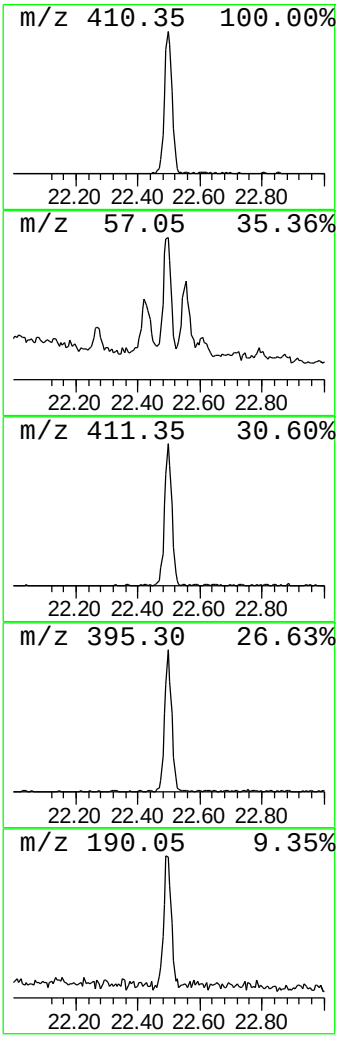
Peak Number 15 Ferrocene, 1,1',3,3'-tetrak... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.50	12.17 ng	699196	Chrysene-d12	21.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ferrocene, 1,1',3,3'-tetrakis(1,...	410	C26H42Fe	001317-17-5	53
2	3-Acetyl-1-(3,4-dimethoxyphenyl)...	410	C23H26N2O5	090140-65-1	42
3	Stigmasta-4,6,22-trien-3.beta.-ol	410	C29H46O	096737-58-5	40
4	Pregnane-3,17,20-triol, cyclic 1...	428	C27H45BO3	030882-57-6	9
5	Silane, diphenyl(4-biphenyloxy)p...	410	C27H26O2Si	1000367-49-5	9





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Operator : CG/JU
Sample : L2663-07
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 1369

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG051520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

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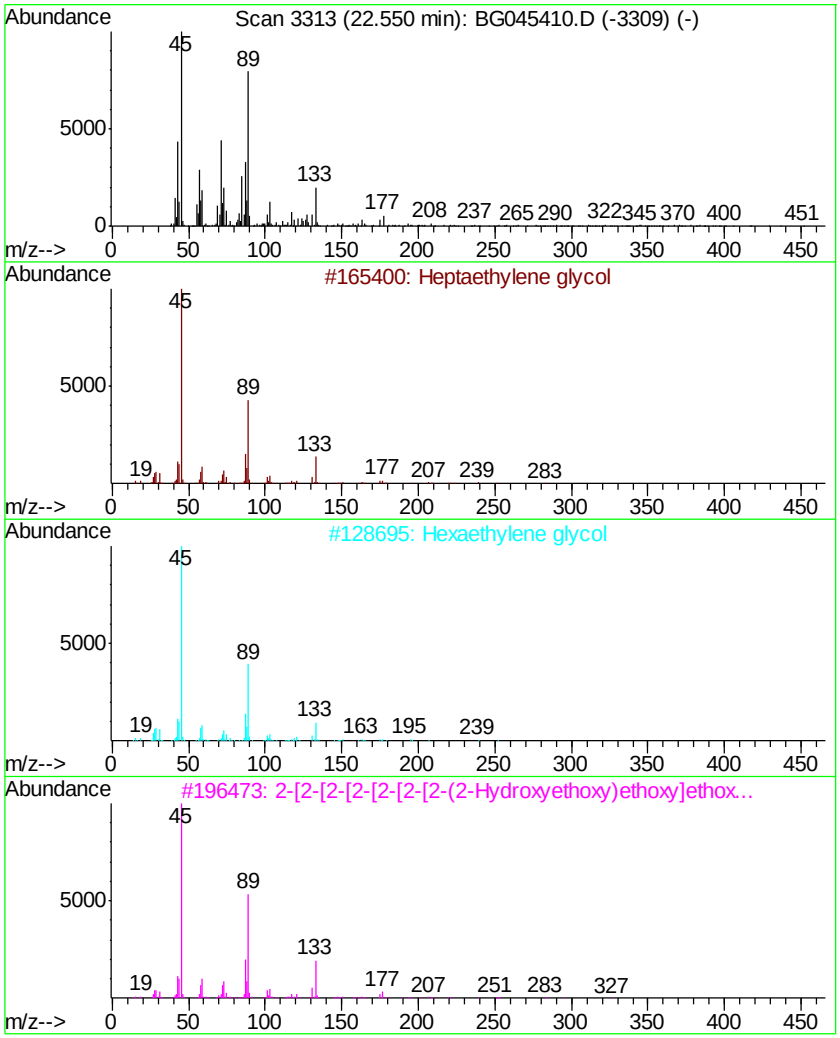
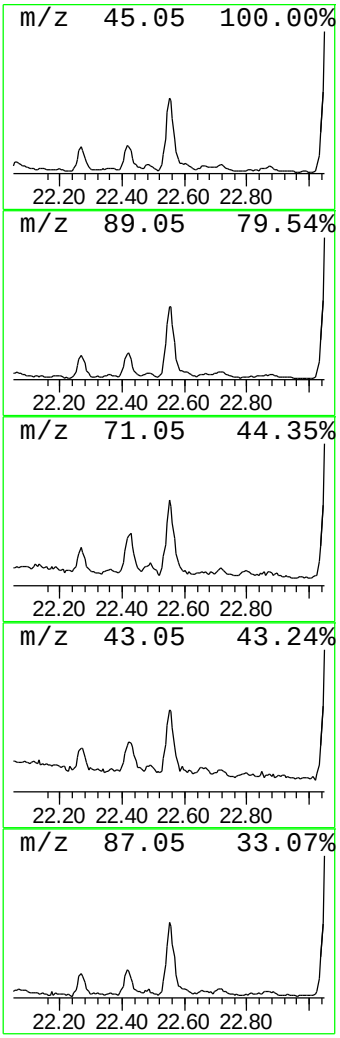
Peak Number 16 Heptaethylene glycol Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.55	14.00 ng	804186	Chrysene-d12	21.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptaethylene glycol	326	C14H30O8	005617-32-3	83
2	Hexaethylene glycol	282	C12H26O7	002615-15-8	83
3	2-[2-[2-[2-[2-[2-(2-Hydroxyet...	370	C16H34O9	005117-19-1	83
4	1,4,7,10,13,16-Hexaoxanonadecane...	320	C16H32O6	1000163-65-3	80
5	2-[2-[2-[2-[2-[2-[2-[2-[2-[2-...	546	C24H50O13	1000352-12-7	72





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Sample : L2663-07
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 1369

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

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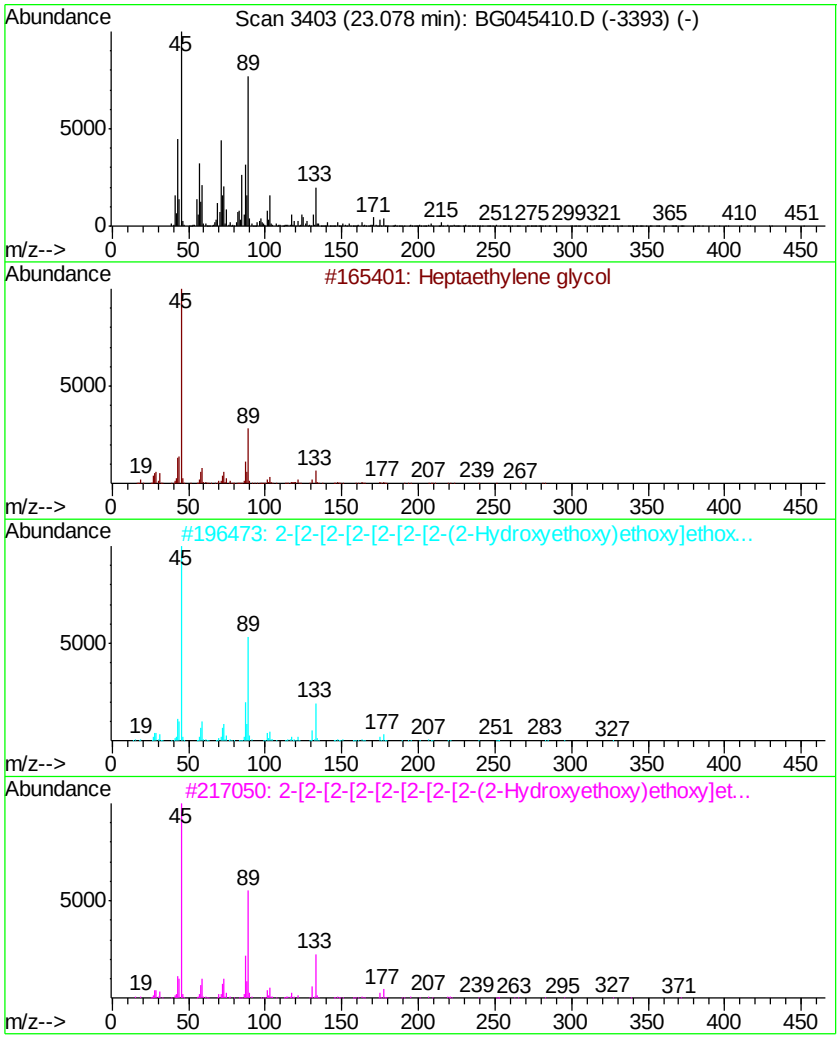
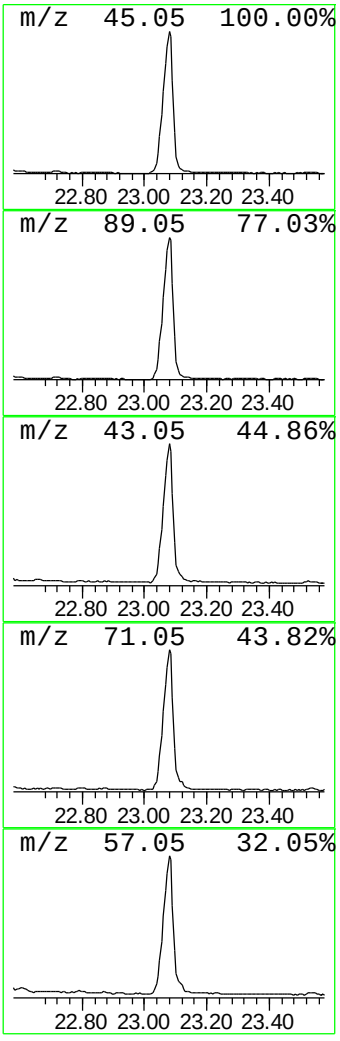
Peak Number 17 2-[2-[2-[2-[2-[2-[2-[2-(2-H... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.08	166.45 ng	9560010	Chrysene-d12	21.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptaethylene glycol	326	C14H30O8	005617-32-3	80
2	2-[2-[2-[2-[2-[2-[2-(2-Hydroxyet...	370	C16H34O9	005117-19-1	80
3	2-[2-[2-[2-[2-[2-[2-(2-Hydrox...	414	C18H38O10	1000352-12-5	80
4	Hexaethylene glycol	282	C12H26O7	002615-15-8	80
5	2-[2-[2-[2-[2-[2-[2-[2-[2-(2-...	502	C22H46O12	1000352-13-2	80





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Sample : L2663-07
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 1369

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
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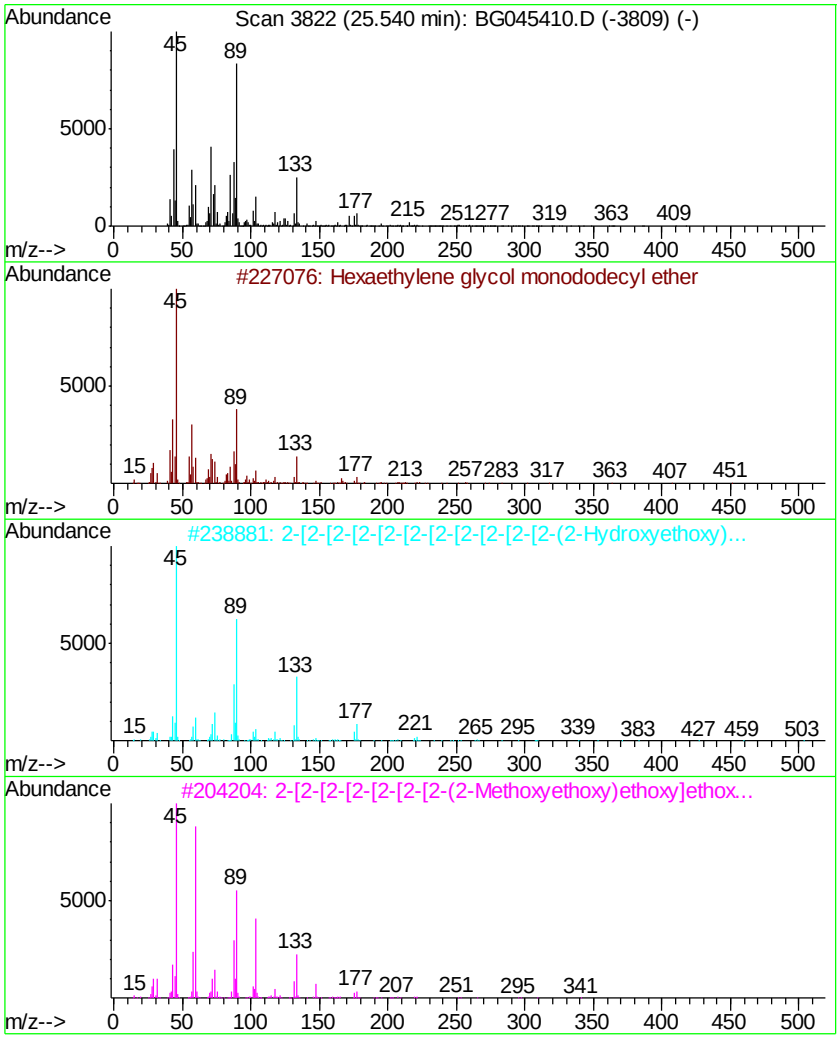
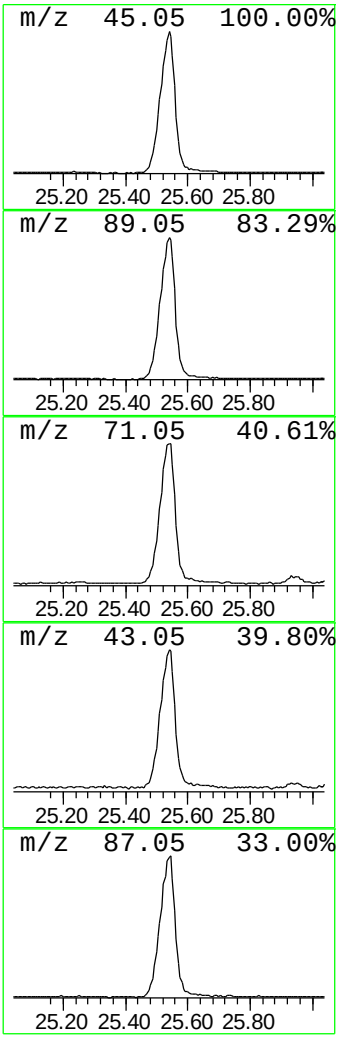
Peak Number 18 Hexaethylene glycol monodod... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.54	114.78 ng	6350010	Perylene-d12	24.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexaethylene glycol monododecyl ...	450	C24H50O7	003055-96-7	83
2	2-[2-[2-[2-[2-[2-[2-[2-[2-[2-...	546	C24H50O13	1000352-12-7	72
3	2-[2-[2-[2-[2-[2-(2-Methoxyet...	384	C17H36O9	1000352-04-2	72
4	Heptaethylene glycol	326	C14H30O8	005617-32-3	72
5	2-[2-[2-[2-[2-[2-[2-(2-Hydroxyet...	370	C16H34O9	005117-19-1	64





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ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 1369

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG051520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

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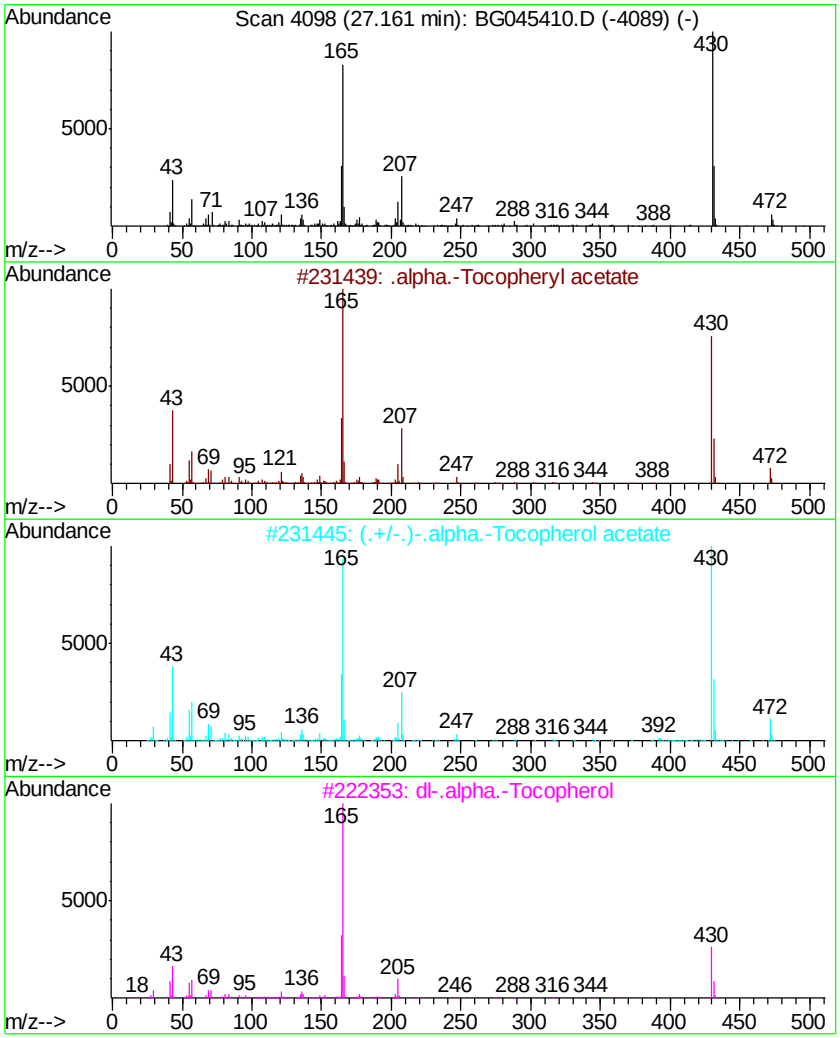
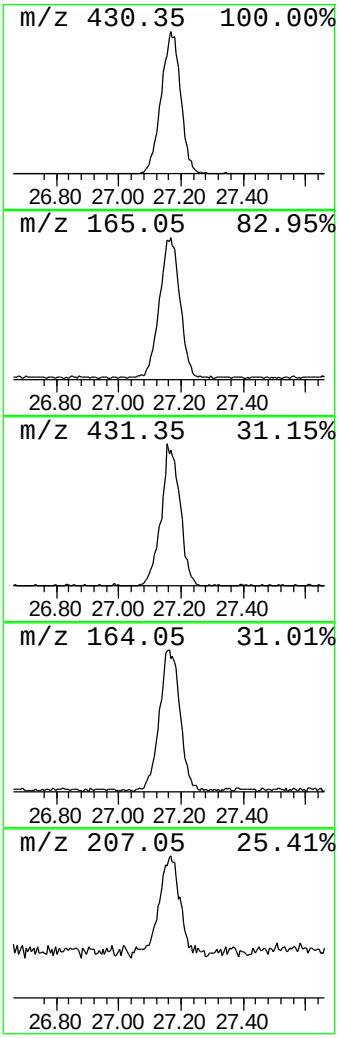
Peak Number 19 .alpha.-Tocopheryl acetate Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
27.16	26.17 ng	1447800	Perylene-d12	24.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.alpha.-Tocopheryl acetate	472	C31H52O3	000058-95-7	99
2	(.+/-.)-.alpha.-Tocopherol acetate	472	C31H52O3	007695-91-2	97
3	dl-.alpha.-Tocopherol	430	C29H50O2	010191-41-0	95
4	Vitamin E	430	C29H50O2	000059-02-9	93
5	(+)-.gamma.-Tocopherol, O-methyl-	430	C29H50O2	1000374-72-2	64





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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG051520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

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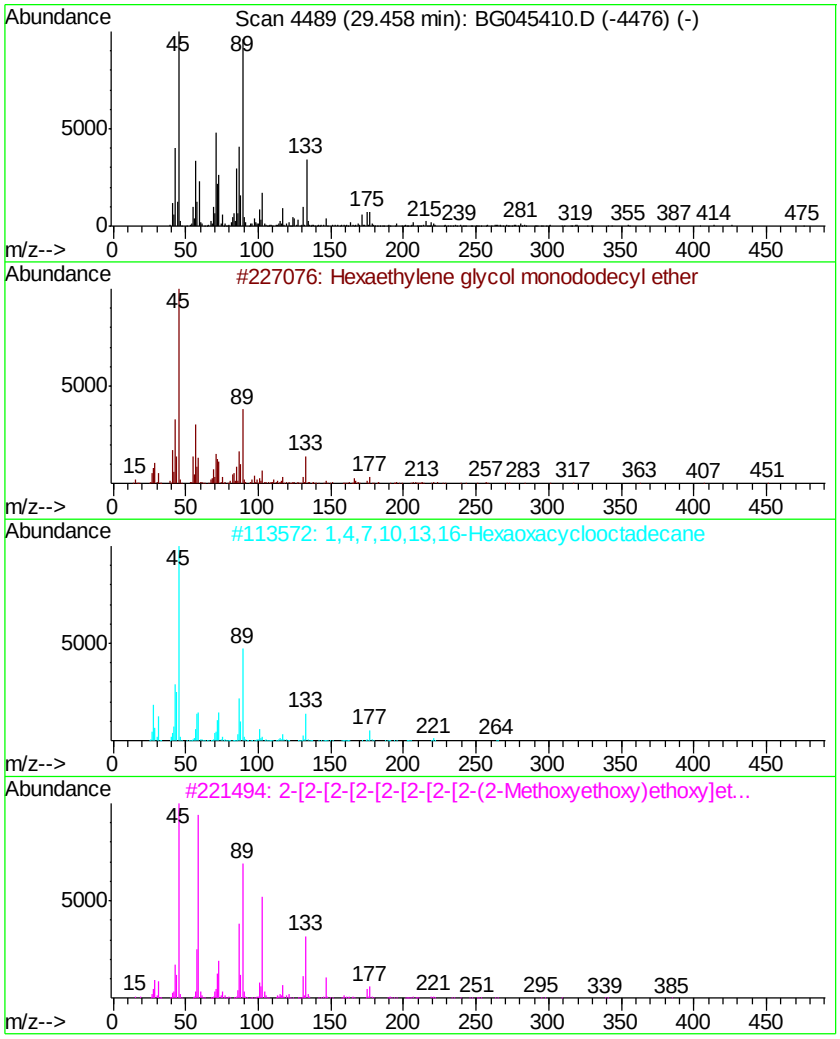
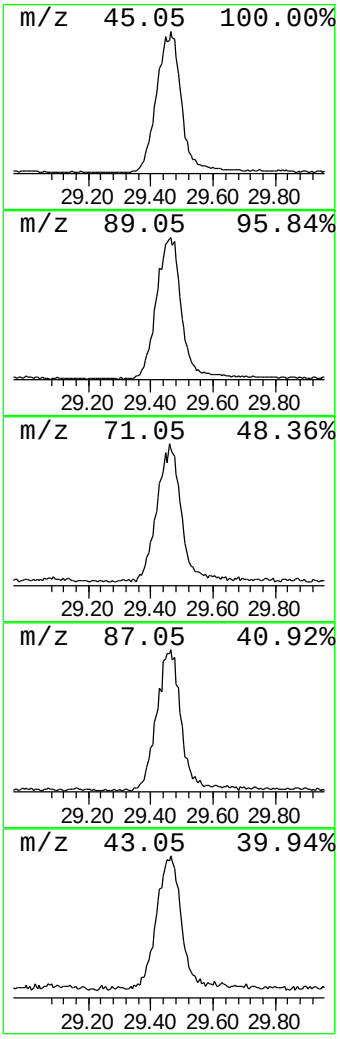
Peak Number 20 1,4,7,10,13,16-Hexaoxacyclo... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
29.46	55.44 ng	3067110	Perylene-d12	24.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexaethylene glycol monododecyl ...	450	C24H50O7	003055-96-7	90
2	1,4,7,10,13,16-Hexaoxacyclooctad...	264	C12H24O6	017455-13-9	89
3	2-[2-[2-[2-[2-[2-[2-(2-Methox...	428	C19H40O10	1000352-04-3	74
4	2-[2-[2-[2-[2-[2-[2-[2-(2-Hyd...	458	C20H42O11	1000352-12-6	64
5	Heptaethylene glycol	326	C14H30O8	005617-32-3	64





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG051520\
Data File : BG045410.D
Acq On : 15 May 2020 23:58
Operator : CG/JU
Sample : L2663-07
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 1369

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG051520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-methoxy...	3.12	29.7	ng	628293	1	7.97	422727	20.0
2-Propanol, 1,1'-...	7.89	18.6	ng	394192	1	7.97	422727	20.0
Octane, 1,1'-oxybis-	9.69	18.4	ng	667938	2	10.78	726059	20.0
1-Nonanol	10.30	47.8	ng	1736880	2	10.78	726059	20.0
n-Decanoic acid	11.68	44.9	ng	1630120	2	10.78	726059	20.0
unknown12.41	12.41	14.2	ng	513915	2	10.78	726059	20.0
unknown13.60	13.60	64.2	ng	6348690	3	14.62	1977900	20.0
unknown14.46	14.46	16.6	ng	1645070	3	14.62	1977900	20.0
2,11-Dioxabicyclo...	15.42	15.8	ng	1564460	3	14.62	1977900	20.0
unknown16.28	16.28	12.2	ng	12580100	4	17.39	20609000	20.0
Triethylene glyco...	18.38	20.0	ng	20609000	4	17.39	20609000	20.0
Hexaethylene glycol	21.02	30.3	ng	1737420	5	21.64	1148730	20.0
2-[2-[2-[2-[2-[2-...	21.41	261.9	ng	15041200	5	21.64	1148730	20.0
Ferrocene, 1,1',3...	22.50	12.2	ng	699196	5	21.64	1148730	20.0
Heptaethylene glycol	22.55	14.0	ng	804186	5	21.64	1148730	20.0
2-[2-[2-[2-[2-[2-...	23.08	166.4	ng	9560010	5	21.64	1148730	20.0
Hexaethylene glyc...	25.54	114.8	ng	6350010	6	24.79	1106500	20.0
.alpha.-Tocophery...	27.16	26.2	ng	1447800	6	24.79	1106500	20.0
1,4,7,10,13,16-He...	29.46	55.4	ng	3067110	6	24.79	1106500	20.0